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(54) METHOD FOR UE DISTRIBUTION IN OVERLAYING LAYERS BASED ON ESTIMATED COVERAGE

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(57)ABSTRACT

In accordance with exemplary embodiments, at least apparatus, methods, and computer program products perform selection of a reduced set of overlaying cells to provide access to a UE from a set of overlaying cells in a network using one or more RATs and multiple different frequencies and whose coverage areas for the cells in the set partially or completely overlay each other. The selection is based on location of the UE within the overlaying cells and estimates of coverage areas of the overlaying cells derived based on information including at least one of angles of arrival and reception-transmission difference information for UEs in the network. Distribution is performed of UEs across the selected overlaying cells based on a desired statistical distribution for the UEs across the cells in the reduced set of cells. The desired statistical distribution takes into account the one or more RATs and the multiple different frequencies.

